

INTERNATIONAL SEARCH REPORT

 Int'l Application No
 PCT/IB 03/04351

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G02B5/22 G02B5/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 58681 A (ARFSTEN KERRIN ; ARFSTEN NANNING (US); GAVLAS JAMES F (US); DENGGLAS) 16 August 2001 (2001-08-16)	1,2,4,7
Y	abstract page 10, line 20 - line 22	5,6
X	WO 96 37739 A (EISENHAMMER THOMAS ; LAZAROV MILADIN (DE); SCHELLINGER HELMUT (DE)) 28 November 1996 (1996-11-28)	7
Y	page 1, line 12 - line 15 page 2, line 17 - page 4, line 27	5
Y	WO 01 20641 A (KONINKL PHILIPS ELECTRONICS NV) 22 March 2001 (2001-03-22) cited in the application abstract	6

	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

16 January 2004

Date of mailing of the international search report

26/01/2004

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax (+31-70) 340-3016

Authorized officer

Mollenhauer, R

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB 03/04351

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 03 063197 A (BOEHMER MARCEL R ;KONINKL PHILIPS ELECTRONICS NV (NL); WAGEMANS ME) 31 July 2003 (2003-07-31) page 5, line 9 - line 20 -----	1-7
A	US 5 731 091 A (JONSCHKER GERHARD ET AL) 24 March 1998 (1998-03-24) cited in the application abstract -----	1,7
A	EP 1 172 342 A (NIPPON SHEET GLASS CO LTD) 16 January 2002 (2002-01-16) abstract -----	1,7

INTERNATIONAL SEARCH REPORT

Inte .lication No
PCT/IB 03/04351

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0158681	A	16-08-2001	AU 3817201 A CN 1400939 T EP 1268188 A1 JP 2003522092 T WO 0158681 A1 US 2002122962 A1	20-08-2001 05-03-2003 02-01-2003 22-07-2003 16-08-2001 05-09-2002
WO 9637739	A	28-11-1996	AU 5810796 A WO 9637739 A1 DE 19620645 A1 US 5912045 A	11-12-1996 28-11-1996 05-12-1996 15-06-1999
WO 0120641	A	22-03-2001	CN 1321329 T WO 0120641 A1 EP 1129470 A1 JP 2003509825 T	07-11-2001 22-03-2001 05-09-2001 11-03-2003
WO 03063197	A	31-07-2003	WO 03063197 A1	31-07-2003
US 5731091	A	24-03-1998	DE 4338360 A1 DE 59405731 D1 WO 9513249 A1 EP 0729442 A1 JP 9504768 T	11-05-1995 20-05-1998 18-05-1995 04-09-1996 13-05-1997
EP 1172342	A	16-01-2002	CA 2352058 A1 EP 1172342 A1 US 2002025425 A1 CN 1327437 T WO 0130716 A1 JP 2001192236 A	03-05-2001 16-01-2002 28-02-2002 19-12-2001 03-05-2001 17-07-2001